

**IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY SECTION
CONSTRUCTION PERMIT APPLICATION**

SCHEDULE-16a, Wastewater General

Date Prepared	Project Identity
Date Revised	

1. Water Source: _____
2. Type of Water Treatment Plant: _____
3. Calcium removed: _____ mg/l
4. Magnesium removed: _____ mg/l
5. If the concentration of any primary drinking water parameter is reduced in the water treatment plant, list the parameter and the average raw and treated water concentration of the parameter: N/A ☐

Parameter	Raw Water Concentration	Treated Water Concentration

6. Wastewater volume:

	Gallons of Liquid			Pounds of Solids	
(specify)					
TOTAL					

7. Chemical Characteristics of Sludge Based on Treatment Process:

Chemical Constituent	% of Total Solids

8. Will the backwash water be recirculated through the treatment plant? Yes ☐ No ☐
 If yes, what is the rate of recycle? _____ gpm
9. Is a backwash water storage or equalization basin provided? Yes ☐ No ☐
 If yes, what is the storage volume? _____ gallons
10. Final Sludge Disposal:
 What is the last sludge treatment process prior to disposal? _____
 Percent of solids in sludge: _____ %
 Method of handling sludge: _____

Available equipment: _____

Disposal site: _____

Volume and frequency of disposal: _____